COREL CORPORATION

INVENTION DISCLOSURE FORM

INTRODUCTORY INFORMATION

This is a form for COREL employees and consultants to use to describe novel inventions, advancements, or developments (collectively, "Inventions") they have made. COREL uses this form to help determine whether COREL should seek to protect such Inventions under the patent law.

The patent law imposes certain obligations on inventors. These legal obligations were designed to ensure that protection for an invention is extended only in appropriate circumstances. The information requested on this form pertains in part to these obligations. For instance, many foreign countries will not grant patent protection for an invention that was publicly disclosed in that country before a patent application was filed. Therefore, the form seeks information on any disclosure of the Invention outside of COREL.

This form seeks basic information about your Invention. It should be filled out any time you think you may have made an Invention. The earlier you fill out Part One, the better. An Invention need only be conceived to warrant disclosure; implementation is not a prerequisite. Since you may be overly conservative in determining what constitutes an Invention, you should fill out Part One even if you aren't sure that your work is sufficiently novel, significant or valuable to be an Invention. After you complete the form please forward it to **ASHA GOSEIN, Legal Department, Ottawa** (x1601) at COREL.

(COREL)
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PART ONE

1. Title
Give a descriptive title for the Invention.

Interactive Colour Management User Interface.

2. Application
What current project or projects at COREL does the Invention relate to?

The Invention relates to CorelDRAW graphics suite.

3. Field of the Invention
Give both general and specific descriptions of the field to which the Invention relates.

This invention generally relates to the graphical user interface and specifically to the field of user interface for managing colour transformations of images transferred between various devices and colour spaces.

4. Background

Describe the problem that is to be solved by the Invention.

Typically, modern desktop graphics applications provide users with the means to manage colour characteristics of images that are obtained, displayed, printed on various devices or converted to different colour spaces. The number of theses devices and colour spaces in combination with the range of possible settings for each of them can make tasks of accurate colour management difficult especially for novice users.

5. Prior Art

Describe what solutions to this problem have been tried before, and why they are inadequate. How is this invention useful and how does it solve a problem that cannot be achieved with the prior art.

Existing systems usually have components of this type of user interface spread among different parts of the application in the way that prevents users from clearly see how these devices and colour spaces are related to each other, and from organizing colour management settings in groups specific to the type of job performed.

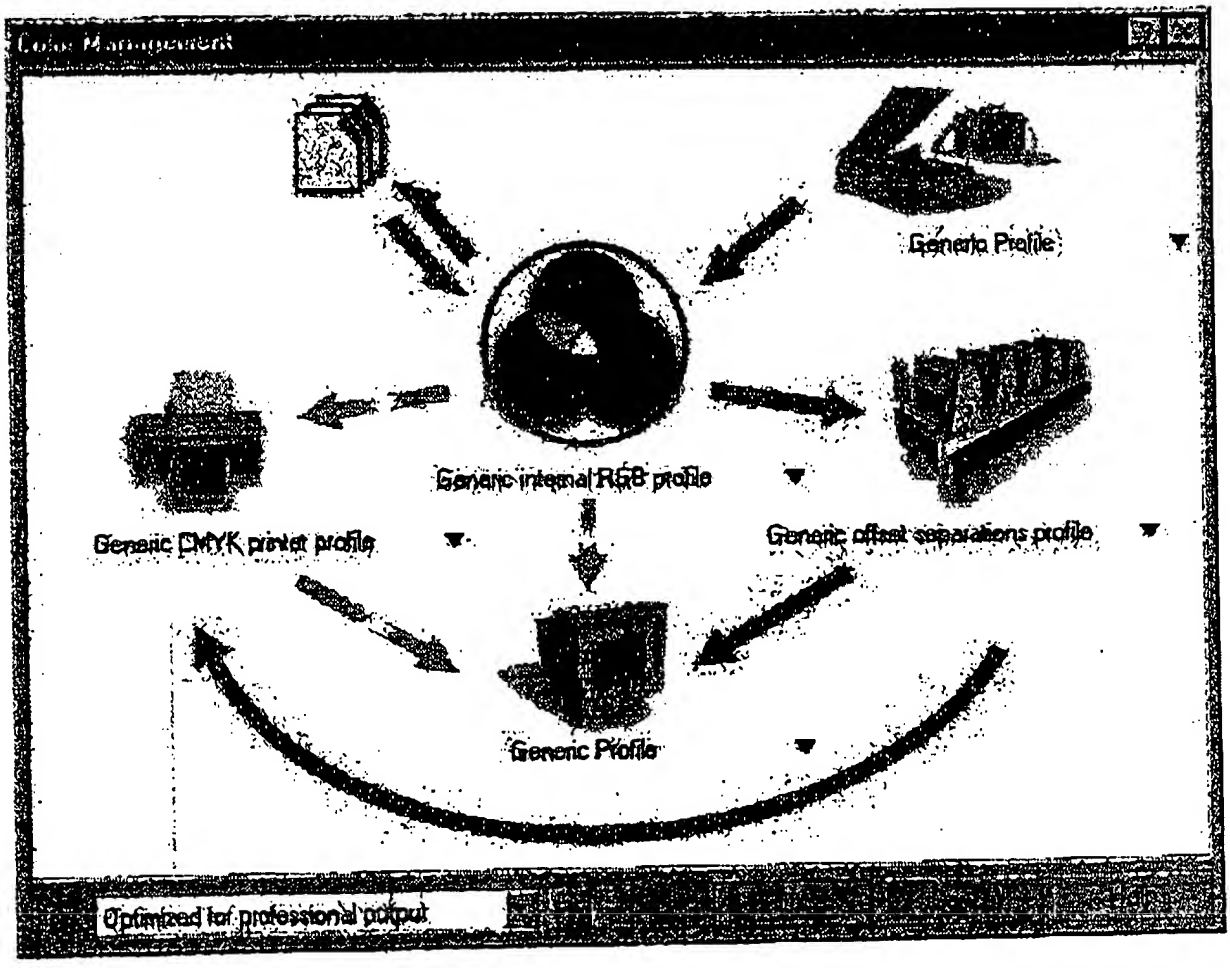
6. Summary of the Invention

Describe in clear and simple terms how you intend to solve the problem. Attach block or schematic diagrams, timing diagrams, flow charts, or any other graphics that will make the Invention easier to understand. Pay particular attention to what is unique about the Invention.

The current invention simplifies and enhances colour management process in a number of different ways.

Firstly, all relevant user interface components are gathered into one dialogue box.
Secondly, all colour management settings are split into two levels - standard and advanced. Standard settings are being exposed to the user in the most straightforward way on the main dialogue box and advanced moved to a series of child dialogue boxes associated with icons representing devices and colour spaces.
Thirdly, colour management settings are grouped into colour management styles which can be selected, and created, by the user to reflect specifics of the job being performed.

The image below exemplifies the Colour Management dialogue box with the settings corresponding to a graphics job targeted to the professional print press with desktop printer proofing.



Arrow buttons allow the user to easily change colour correction settings for any device or colour space, and at the same time visually represent data flow between them. Access to ICC colour profiles is provided to the user in the most obvious and intuitive way.

7. *Advantages*

How does the Invention create value, whether to an end user, an OEM, or directly to COREL? What is the Invention's purpose and practical use?

Users of the CorelDRAW graphics suite will be provided with the easy and intuitive interface which will help them to utilize all the power of colour management capabilities of the suite. The ability to produce images with the most accurate colours should appeal to the graphics professionals and the ease of use to the casual and home users of the system.

8. Disclosure Outside of COREL

Has the Invention been disclosed outside of COREL or commercialized (e.g., you've discussed this with non-Corel people, offered for sale) in any way? If so, give dates and details; if not, what is the current schedule for disclosure/commercialization.

The Invention has been incorporated as part of the CorelDRAW 10 graphics suite released to public in November 2000.

9. Inventorship

Everyone contributing to the Invention should be listed as a possible inventor. If you are not sure whether someone qualifies as an inventor, describe what that person contributed to the Invention.

Rick Fortin
Yahya Hasanain
Russell Miller
Volodymyr Kyrnychnyy
Stephen Sammon

Signature of Person Preparing this Form:

Name (printed) of Person Preparing this Form:

Volodymyr Kyrnychnyy

Date Prepared:
November 14, 2000